

201 **What is Claimed**

202 **Independant Claim 1.)** The invention creates a new method and mechanism of
203 vertical propulsion. It circulates matter, within the confine of a machine, at velocities above that
204 required for circular orbit of the planet, for the purpose of utilizing whatever portion of particle
205 radial acceleration, relative to the planet center, that can be harnessed toward creating vertical
206 propulsion for the entire machine.

207 **Independant Claim 2.)** The invention creates a new secondary method and mechanism
208 of propulsion, which is to alternate the acceleration and deceleration of circulatory matter in
209 such manner as to establish a directional component that may be applied to acceleration in a
210 horizontal direction relative to the ship.